

01/30/02  
J1131 U.S.  
PTO

A

62-05-02  
PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 11]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 2 ]
5. Oath or Declaration [ Total Pages 2 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	01-39 US
First Inventor	Gregory J. Wells
Title	ION TRAP MASS SPECTROMETER USING PRE-CALCULATED WAVEFORMS FOR...
Express Mail Label No.	EL 541 475 910 US

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS		
9. <input checked="" type="checkbox"/>	Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement	<input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
11. <input type="checkbox"/>	English Translation Document (if applicable)	
12. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/>	Preliminary Amendment	
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16. <input type="checkbox"/>	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input type="checkbox"/>	Other: .....	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No. /

Prior application information:

Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Cust. No. or Bar Code Label.)</i>	or <input type="checkbox"/> Correspondence address below		
Name	23693		
Address	PATENT TRADEMARK OFFICE		
City	State	Zip Code	
Country	Telephone		Fax

Name (Print/Type)	Bella Fishman	Registration No. (Attorney/Agent)	37,485
Signature	<i>Bella Fishman</i>	Date	01/30/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

J1046 U.S.PTO  
01/30/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 780.00)

**Complete if Known**

Application Number	
Filing Date	01/30/2002
First Named Inventor	Gregory J. Wells
Examiner Name	
Group Art Unit	
Attorney Docket No.	01-39 US

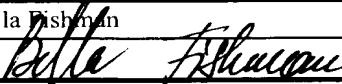
<b>METHOD OF PAYMENT</b>		<b>FEES CALCULATION (continued)</b>																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <input type="text" value="50-0895"/></p> <p>Deposit Account Name <input type="text" value="Varian, Inc."/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. <b>ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for ex parte reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for reply within second month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460 Extension for reply within third month</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720 Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980 Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640 Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640 Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230 Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310 Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties) <span style="float: right;">40</span></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370 Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370 For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370 Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="2"></td></tr> <tr><td colspan="4">*Reduced by Basic Filing Fee Paid</td><td colspan="2">SUBTOTAL (3) (\$ 0)</td></tr> </tbody> </table>					Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - late filing fee or oath	127	50	227	25 Surcharge - late provisional filing fee or cover sheet	139	130	139	130 Non-English specification	147	2,520	147	2,520 For filing a request for ex parte reexamination	112	920*	112	920* Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	115	110	215	55 Extension for reply within first month	116	400	216	200 Extension for reply within second month	117	920	217	460 Extension for reply within third month	118	1,440	218	720 Extension for reply within fourth month	128	1,960	228	980 Extension for reply within fifth month	119	320	219	160 Notice of Appeal	120	320	220	160 Filing a brief in support of an appeal	121	280	221	140 Request for oral hearing	138	1,510	138	1,510 Petition to institute a public use proceeding	140	110	240	55 Petition to revive - unavoidable	141	1,280	241	640 Petition to revive - unintentional	142	1,280	242	640 Utility issue fee (or reissue)	143	460	243	230 Design issue fee	144	620	244	310 Plant issue fee	122	130	122	130 Petitions to the Commissioner	123	50	123	50 Processing fee under 37 CFR 1.17(q)	126	180	126	180 Submission of Information Disclosure Stmt	581	40	581	40 Recording each patent assignment per property (times number of properties) <span style="float: right;">40</span>	146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	179	740	279	370 Request for Continued Examination (RCE)	169	900	169	900 Request for expedited examination of a design application	Other fee (specify) _____						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 0)	
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																			
105	130	205	65 Surcharge - late filing fee or oath																																																																																																																																			
127	50	227	25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																			
139	130	139	130 Non-English specification																																																																																																																																			
147	2,520	147	2,520 For filing a request for ex parte reexamination																																																																																																																																			
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																			
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																			
115	110	215	55 Extension for reply within first month																																																																																																																																			
116	400	216	200 Extension for reply within second month																																																																																																																																			
117	920	217	460 Extension for reply within third month																																																																																																																																			
118	1,440	218	720 Extension for reply within fourth month																																																																																																																																			
128	1,960	228	980 Extension for reply within fifth month																																																																																																																																			
119	320	219	160 Notice of Appeal																																																																																																																																			
120	320	220	160 Filing a brief in support of an appeal																																																																																																																																			
121	280	221	140 Request for oral hearing																																																																																																																																			
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																																			
140	110	240	55 Petition to revive - unavoidable																																																																																																																																			
141	1,280	241	640 Petition to revive - unintentional																																																																																																																																			
142	1,280	242	640 Utility issue fee (or reissue)																																																																																																																																			
143	460	243	230 Design issue fee																																																																																																																																			
144	620	244	310 Plant issue fee																																																																																																																																			
122	130	122	130 Petitions to the Commissioner																																																																																																																																			
123	50	123	50 Processing fee under 37 CFR 1.17(q)																																																																																																																																			
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																																			
581	40	581	40 Recording each patent assignment per property (times number of properties) <span style="float: right;">40</span>																																																																																																																																			
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																			
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																			
179	740	279	370 Request for Continued Examination (RCE)																																																																																																																																			
169	900	169	900 Request for expedited examination of a design application																																																																																																																																			
Other fee (specify) _____																																																																																																																																						
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 0)																																																																																																																																		
<p>2. <input type="checkbox"/> <b>Payment Enclosed:</b></p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																						
<b>FEES CALCULATION</b>																																																																																																																																						
<p>1. <b>BASIC FILING FEE</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370 Utility filing fee <input type="text" value="740"/></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165 Design filing fee</td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255 Plant filing fee</td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370 Reissue filing fee</td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80 Provisional filing fee</td></tr> <tr><td colspan="4">SUBTOTAL (1) (\$ 740)</td></tr> </tbody> </table> <p>2. <b>EXTRA CLAIM FEES</b></p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>19</td><td>-20** = 0</td><td>x 18</td><td>= 0</td></tr> <tr><td>3</td><td>- 3** = 0</td><td>x 84</td><td>= 0</td></tr> <tr><td colspan="4">Multiple Dependent</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9 Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42 Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140 Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42 ** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9 ** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="4">SUBTOTAL (2) (\$ 0)</td></tr> </tbody> </table>							Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	740	201	370 Utility filing fee <input type="text" value="740"/>	106	330	206	165 Design filing fee	107	510	207	255 Plant filing fee	108	740	208	370 Reissue filing fee	114	160	214	80 Provisional filing fee	SUBTOTAL (1) (\$ 740)				Total Claims	Extra Claims	Fee from below	Fee Paid	19	-20** = 0	x 18	= 0	3	- 3** = 0	x 84	= 0	Multiple Dependent				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	103	18	203	9 Claims in excess of 20	102	84	202	42 Independent claims in excess of 3	104	280	204	140 Multiple dependent claim, if not paid	109	84	209	42 ** Reissue independent claims over original patent	110	18	210	9 ** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$ 0)																																																												
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																			
101	740	201	370 Utility filing fee <input type="text" value="740"/>																																																																																																																																			
106	330	206	165 Design filing fee																																																																																																																																			
107	510	207	255 Plant filing fee																																																																																																																																			
108	740	208	370 Reissue filing fee																																																																																																																																			
114	160	214	80 Provisional filing fee																																																																																																																																			
SUBTOTAL (1) (\$ 740)																																																																																																																																						
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																			
19	-20** = 0	x 18	= 0																																																																																																																																			
3	- 3** = 0	x 84	= 0																																																																																																																																			
Multiple Dependent																																																																																																																																						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description																																																																																																																																				
103	18	203	9 Claims in excess of 20																																																																																																																																			
102	84	202	42 Independent claims in excess of 3																																																																																																																																			
104	280	204	140 Multiple dependent claim, if not paid																																																																																																																																			
109	84	209	42 ** Reissue independent claims over original patent																																																																																																																																			
110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																			
SUBTOTAL (2) (\$ 0)																																																																																																																																						

\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

40

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>		
Name (Print/Type)	Bella Fishman	Registration No (Attorney/Agent)	37,485	Telephone 650.424.5086
Signature		Date	01/30/2002	

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.